

TYLER

INTERIOR
AND
EXTERIOR
ARCHITECTURAL
METAL WORK



ELEVATOR
DOORS
AND
ENTRANCES



ELEVATOR
CARS AND
CAR
ACCESSORIES



STORE FRONTS,
WINDOW
FRAMES
AND
MARQUEES



DISPLAY CASES
AND
STORE
FIXTURES



THE W. S. TYLER COMPANY • CLEVELAND, OHIO

TYLER

FACILITIES . . . ORGANIZATION . . . SERVICE

Tyler Elevator Entrances and Cars and architectural metal products are built by an organization which accepts full responsibility for the complete installation.

The company's experience in this work dates from the earliest days of the passenger elevator and the facilities developed through these years assure the best of craftsmanship in every operation involved. To the customer, this means unusual values and uniform quality in every part.

Foundries, metal shops, plating and finishing departments and cabinet shops are the most extensive of the kind devoted to this class of work. The craftsmen employed are men of years of experience with the company and are highly skilled in their individual lines.

The company carries this same quality of service into the field in the installation of work — this being of vital importance in producing a satisfactory job. A permanently employed corps of superintendents and erectors handles all construction work.

The company's specialty of elevator entrances and cars and general architectural metal work includes all of the usual accessories.

Tyler engineers and designers welcome inquiries for information and assistance in connection with elevator equipment and architectural metal problems.



TYLER ELEVATOR CARS AND ENTRANCES

For Specifications on Elevator Cars and Entrances see page 4



Tyler Elevator Entrance
Mellon Institute of
Industrial Research,
Pittsburgh



Tyler Elevator Car
Marshall Field & Co.,
Chicago

INDEX

	Pages
Elevator Entrance and Elevator Car Spec- ifications	4
Elevator Entrance Lay- outs	5
Elevator Entrances ...	6-7
Elevator Cars	8-9
Car Gates and Doors..	10
Elevator Lighting and Ventilating Fixtures	11
Elevator Car Acces- sories	12
Ornamental Iron and Bronze	13
Display Cases	14-15
Building Entrances ..	16-17
Architectural Metal Work	18-19



Tyler Elevator Car
Chase National Bank of the
City of New York,
15 Broad Street,
New York City



Tyler Elevator Entrance
Marshall Field & Co.,
Chicago

TYLER ELEVATOR CARS AND ENTRANCES

Tyler Elevator Cars and Entrances are noted for their high standard of quality in both design and workmanship. While serving many of the finest buildings both in this country and abroad, Tyler equipment is equally adaptable to the modest building where the utmost economy must prevail.

Space limits prevent the illustrating of more than a few suggestions. However, an unlimited selection is available. We will be glad to cooperate with architects in working out special designs.

To assist architects and owners in writing a complete elevator entrance and car specification that will assure undivided responsibility, an outline is given below:

ELEVATOR ENTRANCE SPECIFICATION

This form is suggested for typical steel entrances. For other metals specifications will be furnished on request.

SILLS are to be cast iron with safety surface. Grooves planed in the solid casting. Securely fasten to building structure with special steel brackets.

FACIAS of .080" steel, full length of sill, to extend from the top of header to sill of the floor above.

STRUCTURAL SUPPORTS consisting of a 5" x 3" x 3/8" steel angle at door closer end and 3" x 3" x 1/4" angle at the other end of each entrance are to be fastened to the sill at the bottom and the building beam at the ceiling.

HEADER of 3/16" formed steel plate is to be securely bolted to the structural supports independently of the surrounding wall.

COVER PLATE of .080" steel shall be removable type, constructed in three sections so that the portion over the doorway may be easily removed for access to the hanger mechanism.

JAMBS of .109" steel are to cover the entire thickness of the wall and be fully welded at all corners. They shall be rigidly bolted to the sill and to the header.

TRIM shall be .0625" drawn steel fully welded at all joints and provided with cast plinth blocks.

DOORS are to be built of .0625" sheet steel fully welded to a steel framing. They shall be provided with a sound deadening fireproof filler bonded to both front and rear panels. Reinforcements are to be provided for the attachment of operator mechanisms and hangers.

HARDWARE. The hangers shall have a 3/16" steel plate continuous type housing with ball bearing upper sheaves and ball bearing lower sheaves.

The lower sheaves shall be adjustable for the control of upthrust action.

Bronze handles are to be provided on the hatch side of the door for emergency operation. Escutcheon plates are to be used in connection with the handles to protect the finish.

Adjustable type bumpers made of durable live rubber are to be provided for each entrance. Tyler removable self-adjusting guides are to be furnished on each door. These are to be of a type that will permit the replacement of guides without removing the doors.

FINISH. Sills, structural members, headers and other miscellaneous iron parts of each entrance are to be treated with a rust resisting paint. Jambs, trim, doors, cover plates and facias are to be cleaned of any scale or grease. Then they shall be given a coat of an accepted grade of paint primer, which shall be oven baked. All spot weld marks or other marks resulting from the manufacturing process shall then be filled and baked, after which the materials shall be sanded to a smooth, even surface. The material shall then have two color coats of the best grade of enamel and two protective coats of the best grade of clear varnish. Each separate coat is to be oven baked and rubbed with pumice stone and oil after baking.

GENERAL. All connections and fastenings are to be made invisible from the corridor side. The sheet steel, which takes an enamel finish, is to be cold rolled patent-leveled furniture stock.

ELEVATOR CAR SPECIFICATION

Due to the variation in design and materials it is not possible to present a standard form for elevator specifications.

Where a specific design has not been selected it is customary to include the elevator car under an allowance or appropriation and a form covering this situation is given below.

The elevator contractor will allow and include in his proposal the net sum of \$..... each, f.o.b. the car manufacturer's plant, for the purchase of elevator cars.

Cars are to be of a design to be selected and approved by the architect and owner. The car manufacturer is to be acceptable to the architect and owner.

The elevator car allowance is to include

(Here list the desired car appointments, such as light fixture, hand rail, etc.)

The elevator contractor will accept the cars at the manufacturer's plant and assume complete responsibility for the installation and wiring and will furnish all appointments which are not listed as being part of the car appropriation.

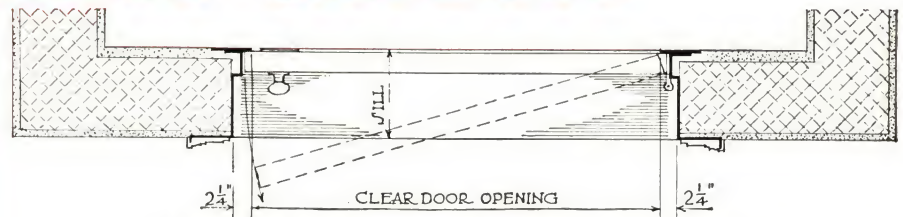
ENTRANCE LAYOUTS

In determining the type or plan of elevator entrance operation, consideration should be given to the nature of the traffic and service desired as well as the space available.

To illustrate, space requirements for center opening doors are twice the door opening plus 12". Two-speed doors require one-half the door opening plus 12".

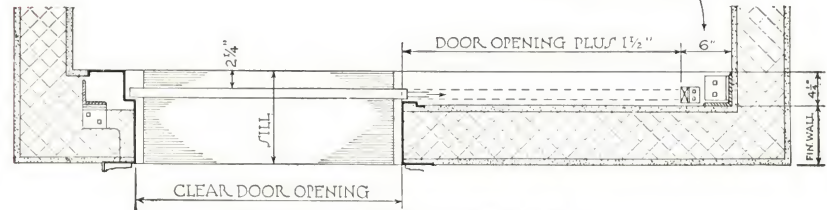
For identification purposes the word Keyplate is used to mean an elevator entrance plan or layout. Code numbers indicate specific types of Keyplates or plans. Those in more common use are shown on this page.

Tyler engineers will be glad to cooperate with architects and building owners in the selection of the type of keyplate best suited to their requirements, or the development of a special one to meet specific needs.



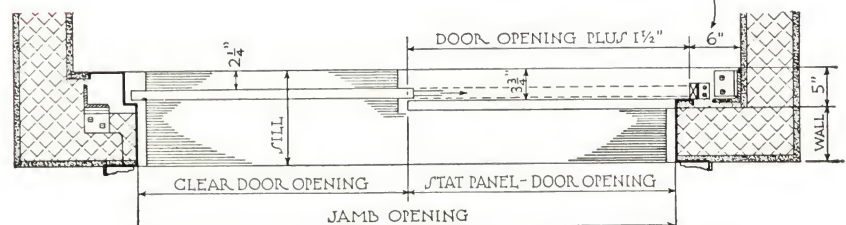
Keyplate K-18 Single Swing Door Flush With Hatch

8" MINIMUM IF DOOR CLOSERS USED



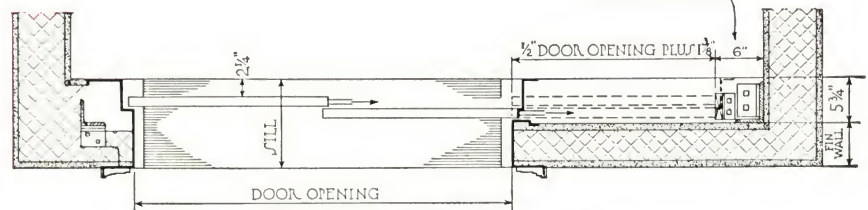
Keyplate K-15 Single Slide Door

8" MINIMUM IF DOOR CLOSERS USED



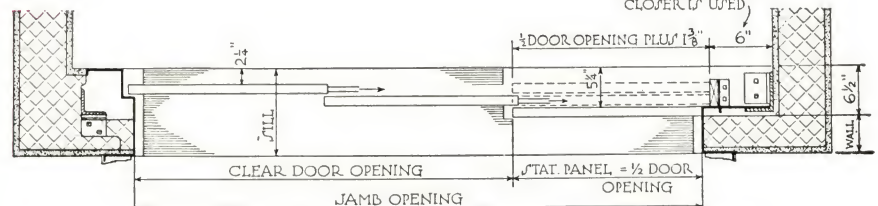
Keyplate K-16 Single Slide Door and Stationary Panel

8 1/2" MINIMUM IF DOOR CLOSERS USED



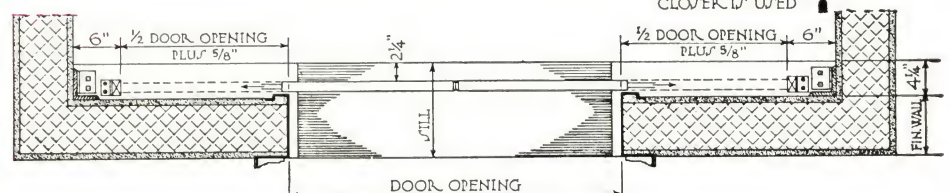
Keyplate K-19 Two Speed Door

8" MINIMUM IF DOOR CLOSERS USED



Keyplate K-20 Two Speed Doors and Stationary Panel

8" MINIMUM - SWITCH SIDE ONLY - IF DOOR CLOSERS USED

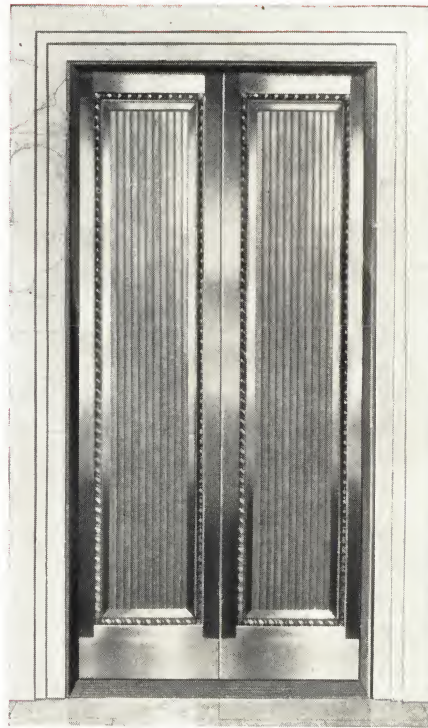


Keyplate K-22 Center Opening Doors

TYLER ELEVATOR ENTRANCES

The Tyler Elevator Entrance designs No. 44, 45, 46, 47, 52, 53 are here shown in enameled steel. There is, however, no limit to the possibilities of combining various metals and materials either in standard or special designs to suit individual requirements.

The photographs of installation shown at the top of these pages, indicate the unlimited possibilities in special types of entrances.



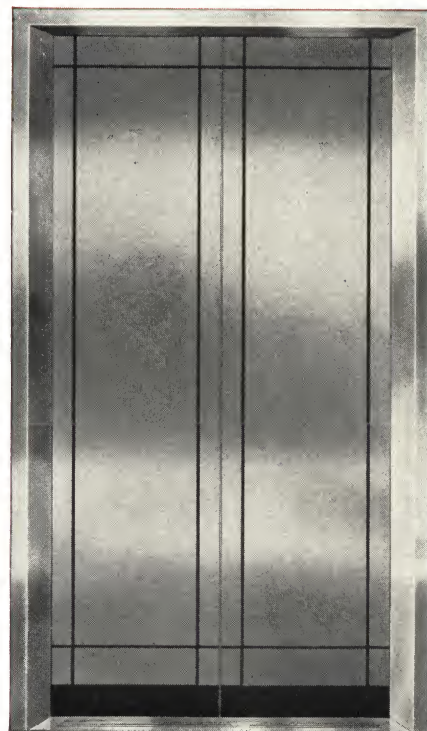
Cast Bronze Elevator Entrance



Etched Bronze Elevator Entrance



Design 45

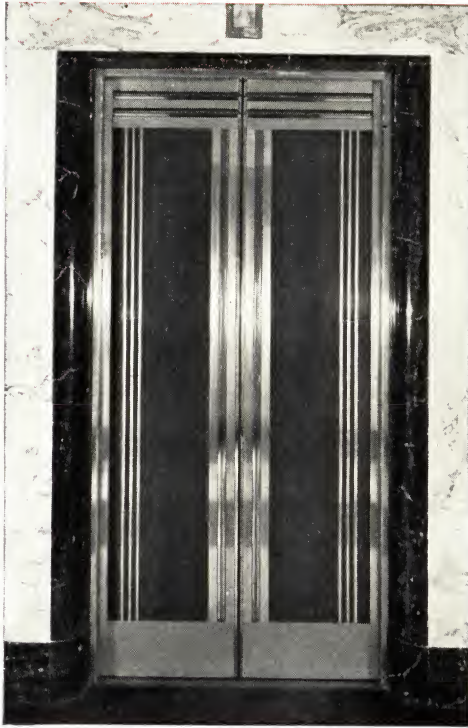


Design 47

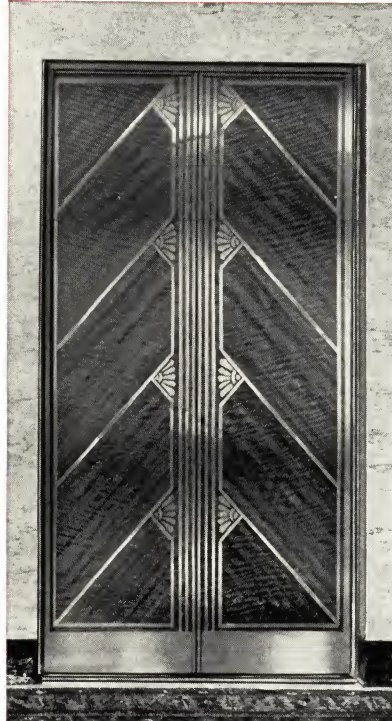


Design 52

TYLER ELEVATOR ENTRANCES



Enameled Steel, Bronze and Nickel

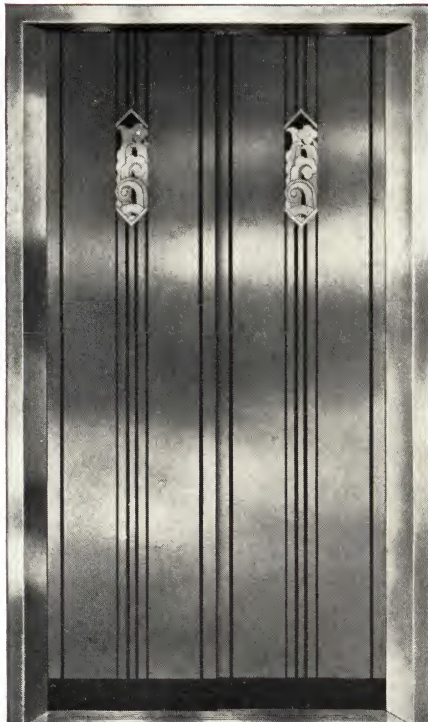


Me-Tyl-Wood Elevator Entrance

The Tyler designing and engineering staff, with its practical experience in producing special equipment for leading buildings is at the disposal of architects, contractors and building owners.

In many cases this service enables the customer to achieve unusual effects most economically.

For the various types of elevator door arrangements see key plates on page 5.



Design 46



Design 44

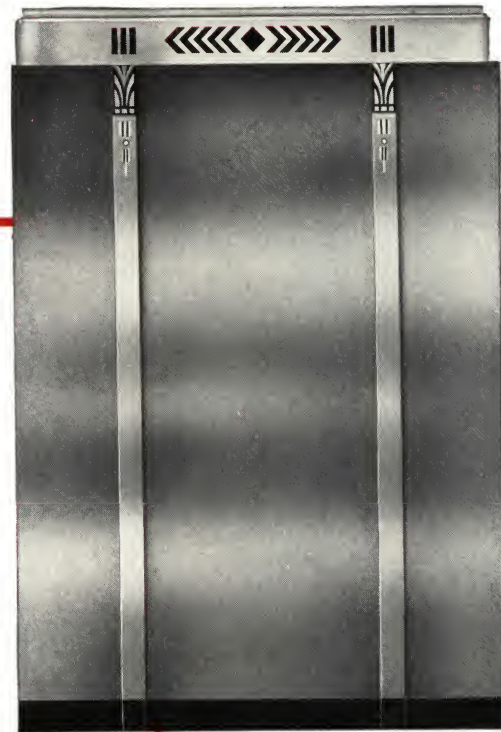


Design 53

ELEVATOR CARS



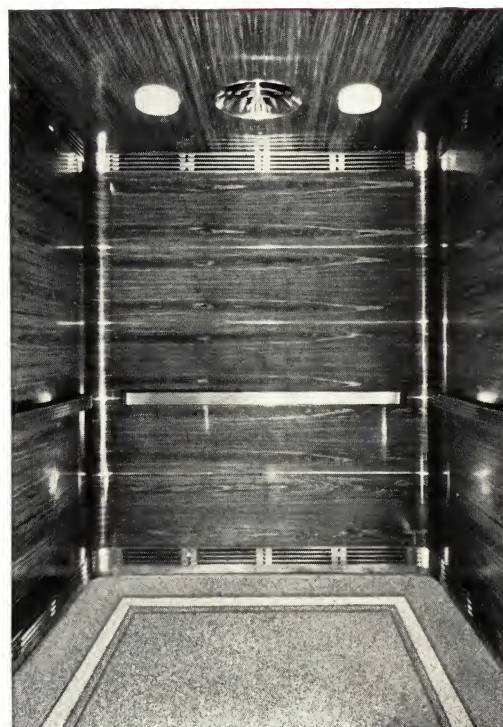
Design C-532



Design C-533



Design 536



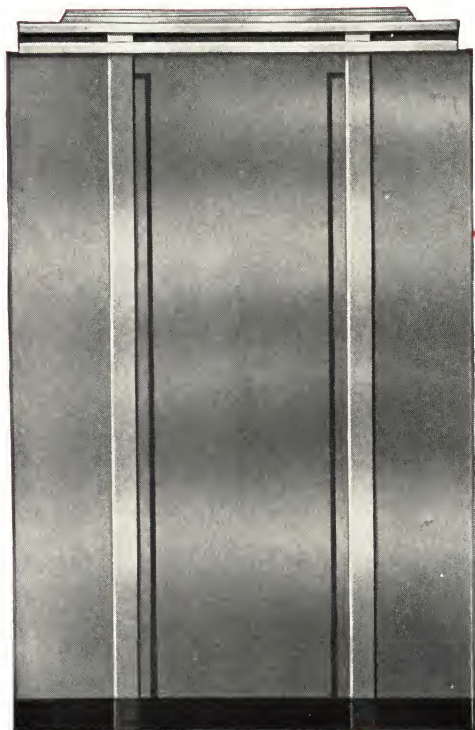
International Building, Rockefeller Center

Most effective results are secured by the combined use of Tyler Elevator Cars and Entrances.

A thoroughly skilled group for every craft involved is available within our own plant, assuring undivided responsibility in producing a perfect installation.

From the very simple and least expensive to the most elaborate designs,

ELEVATOR CARS



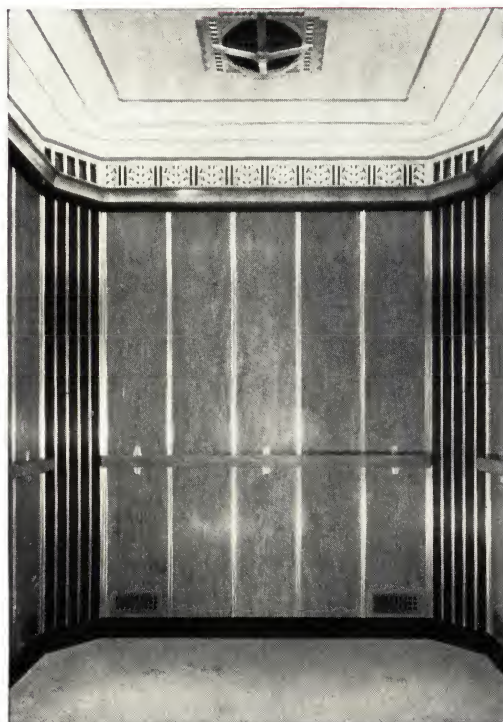
Design 534



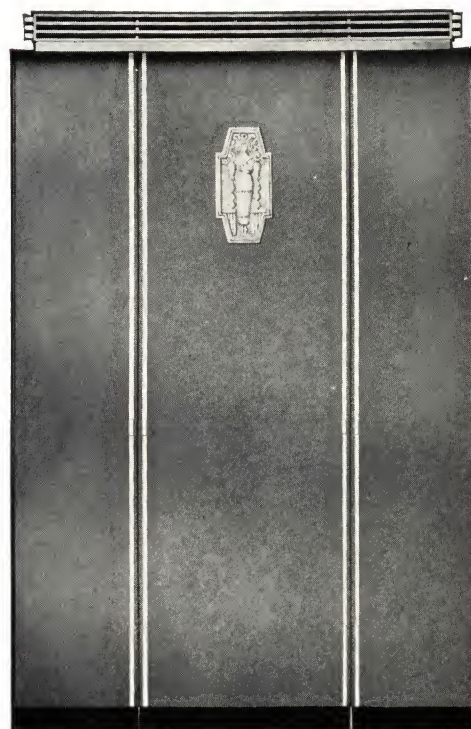
Design C-535

Tyler Elevator Car values are outstanding. This equipment is furnished in all the metals and woods, including Me-Tyl-Wood, and in all combinations of these materials.

Only a few of the many available designs are illustrated. Complete information and additional designs for any purpose will be gladly furnished.



The Higbee Co., Cleveland Ohio



Design C-528

ELEVATOR CAR GATES AND DOORS



Collapsing Gate EX-G-1

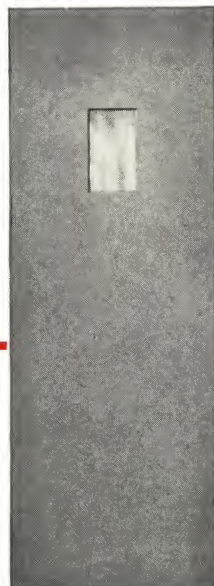


Collapsing Gate EX-G-2

In many localities code requirements call for doors or gates at the car opening. Gates are used in many instances where space available is limited. Doors can be furnished where desired to harmonize with cars and entrances in materials and finishes.



Car Door EX-D-1



Car Door EX-D-2



Car Door EX-D-3



Car Door EX-D-4

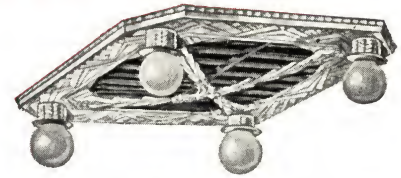
ELEVATOR CAR LIGHTING AND VENTILATING FIXTURES



TY-Fandolier EX-TF-1



TY-Fandolier EX-TF-4



TY-Fandolier EX-TF-5



TY-Fandolier EX-TF-2

Proper car lighting and ventilation are most important in considering the comfort and satisfaction of passengers.

The Ty-fandolier, a combination lighting and ventilating unit, is a development to serve these two purposes.

In these fixtures the distribution of air is uniform and in pleasing volume. the lighting is regulated to suit individual car conditions.



TY-Fandolier EX-TF-3



Fixture EX • L-6



Fixture EX • L-4



Fixture EX • L-1



Fixture EX • L-5



Fixture EX • L-3



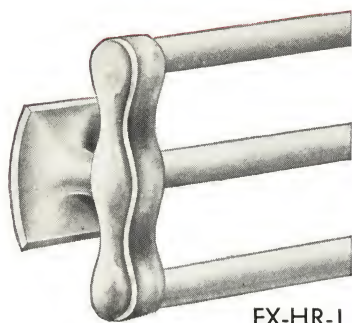
Fixture EX • L-2

ELEVATOR CAR ACCESSORIES

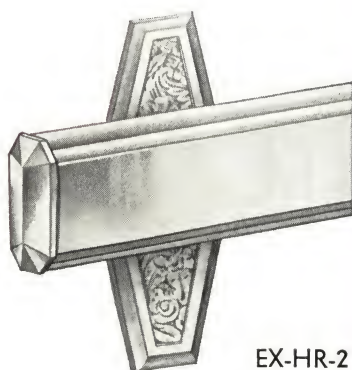
The general effect of the elevator car is materially enhanced through the use of properly designed accessories.

The standard Tyler accessories here illustrated are applicable both to new cars and for the modernization of existing equipment.

Designs will be gladly submitted to suit your individual requirements.



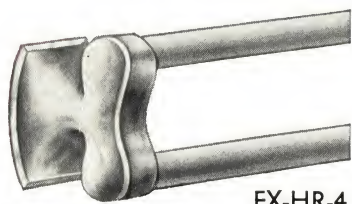
EX-HR-1



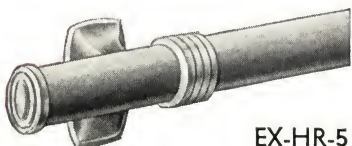
EX-HR-2



EX-HR-3



EX-HR-4



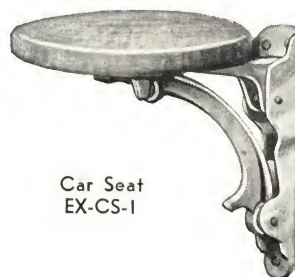
EX-HR-5



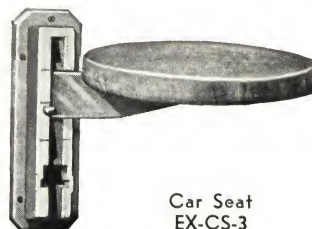
EX-HR-6



Car Seat EX-CS-2



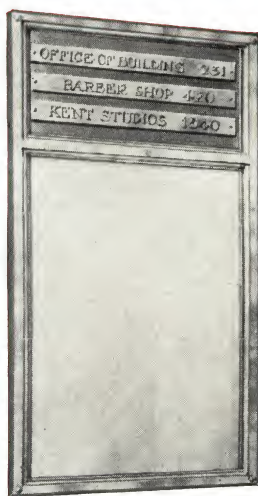
Car Seat
EX-CS-1



Car Seat
EX-CS-3



Car Seat EX-CS-4



Certificate Frame
EX-CF-1



Mirror
EX-VM-6



Mirror
EX-VM-3



EX-OC-1



Certificate Frame
EX-CF-2

ORNAMENTAL IRON AND BRONZE

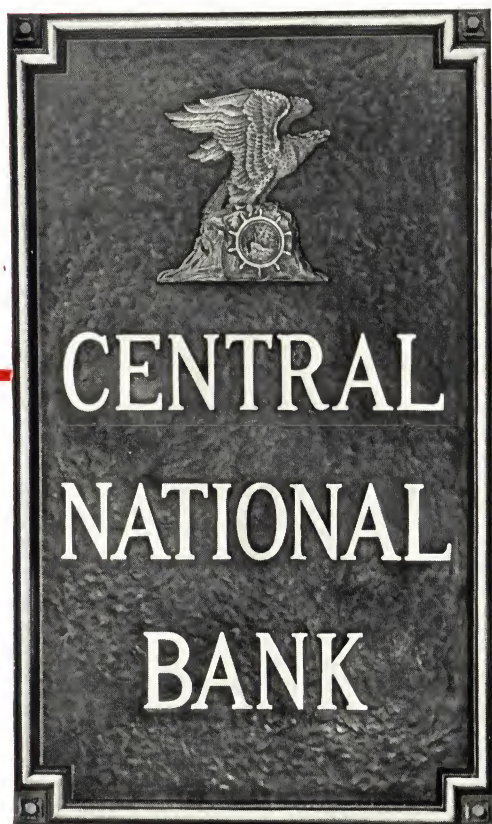
Tyler ornamental iron and bronze products include spandrels, railings, stairways, window frames, name plates and lamp standards in addition to the equipment here briefly illustrated.



Cashier's Wicket



Mail Box Cover, Designed to Match Cast Bronze Elevator Entrances (See Page 6)



Bronze Tablet

Special emphasis is placed on the method of installation so essential to this type of work.



Wrought Metal Gate

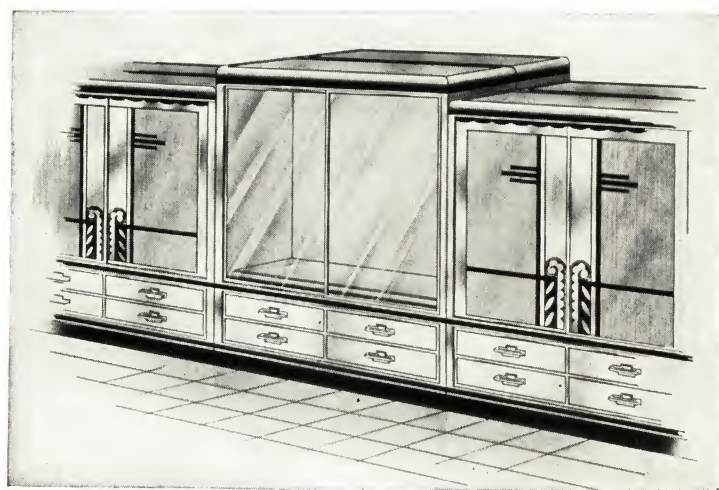


Aluminum and Nickel Display Cases, G. Fox and Co., Hartford, Conn.

DISPLAY

Tyler display cases add immeasurably to the appeal of merchandise.

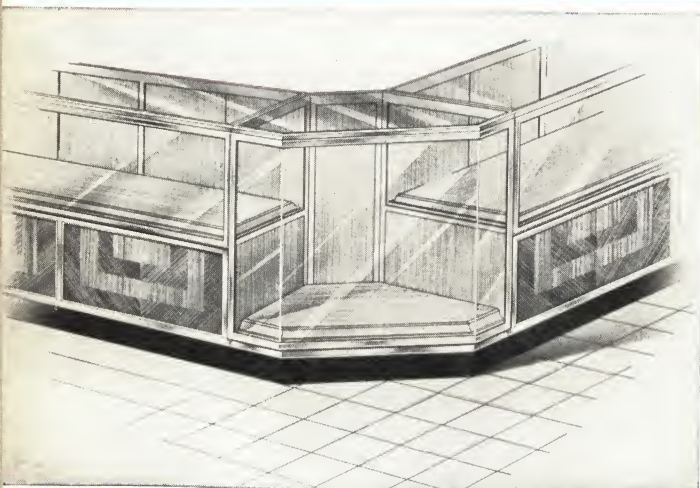
They are designed so as to provide a neutral background with maximum visibility and compactness and



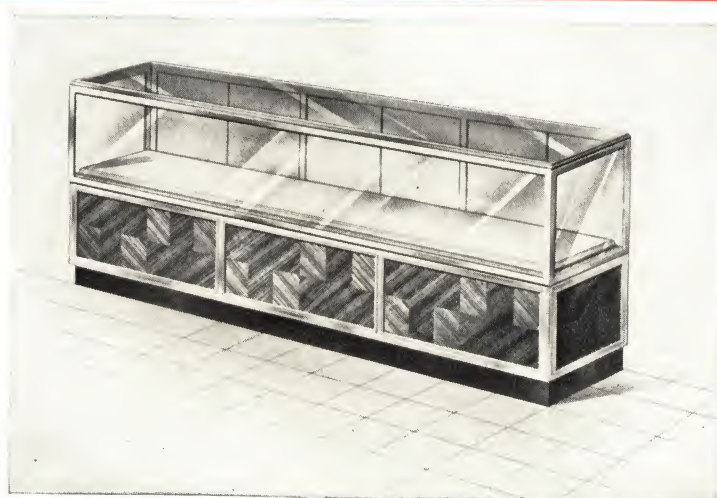
Design SA-105



Aluminum Display Table



Design SB-103



Design SD-102

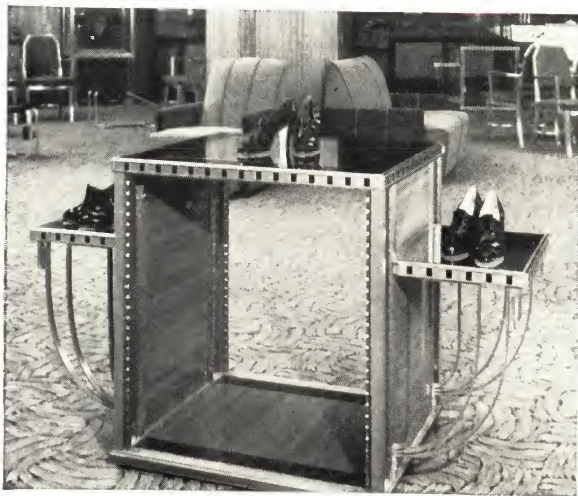
CASES

to focus the attention on the goods themselves.

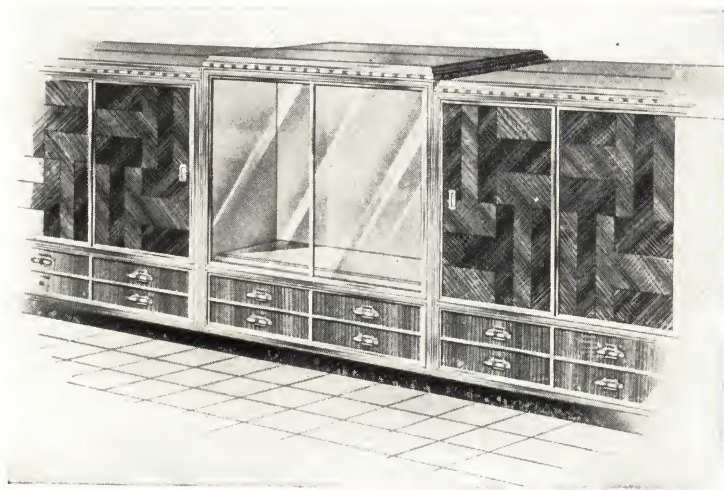
Tyler display cases are available in a wide range of metals and finishes, in woods, combinations of wood and metal, and Me-Tyl-Wood.



Aluminum Display Cases and Fixtures, John Wanamaker Store, Philadelphia

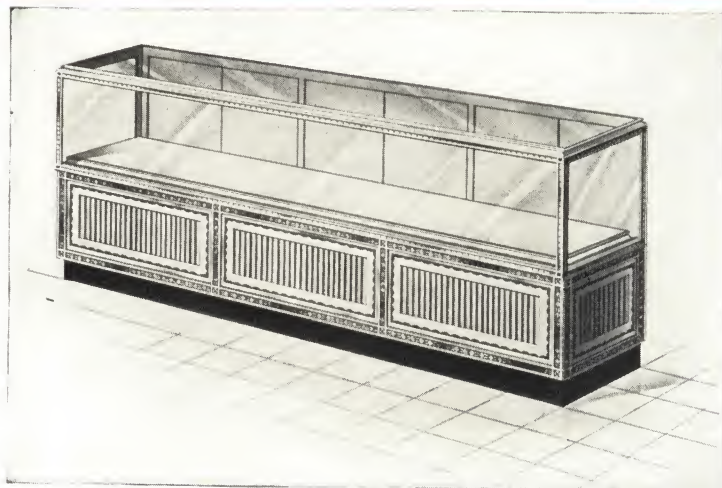


Aluminum and Wood Display Table

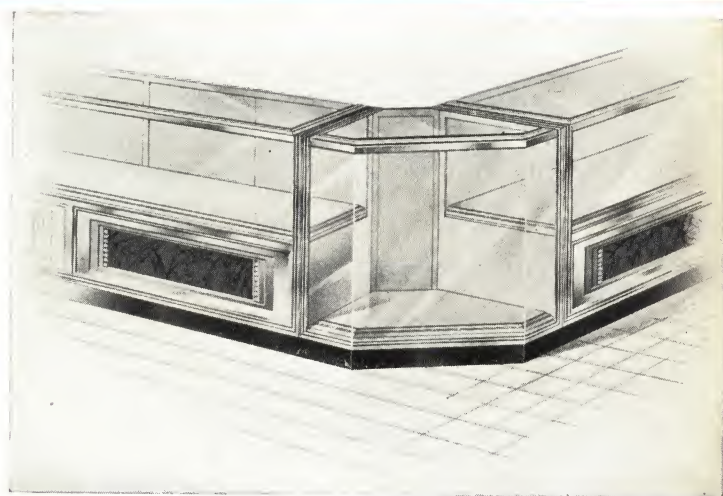


Design SA-101

15



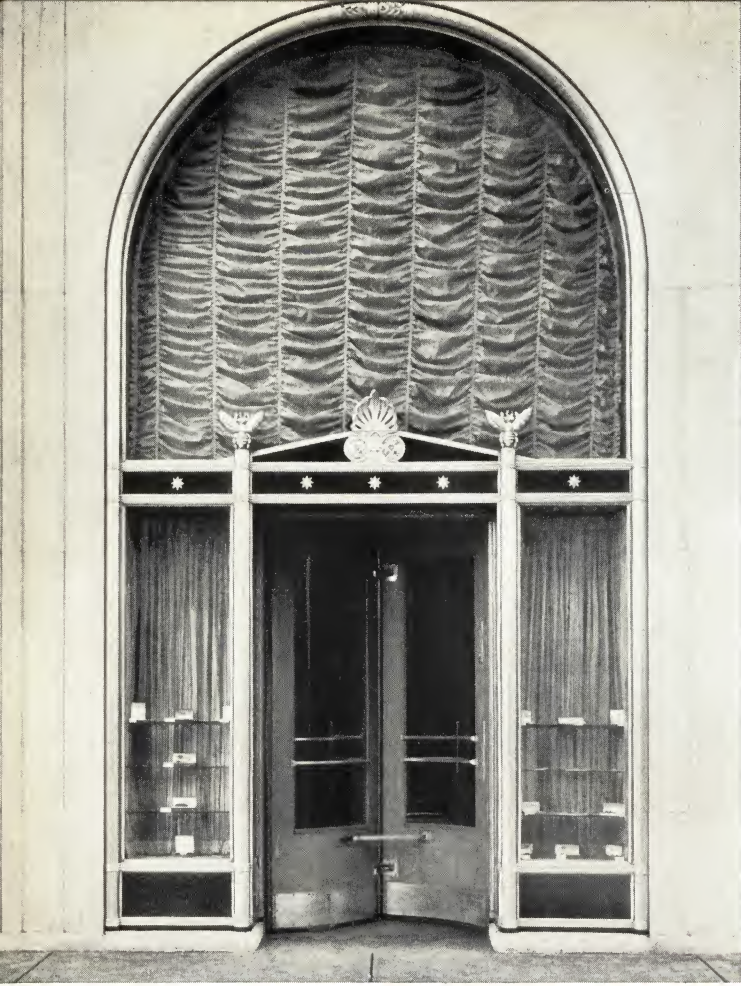
Design SD-105



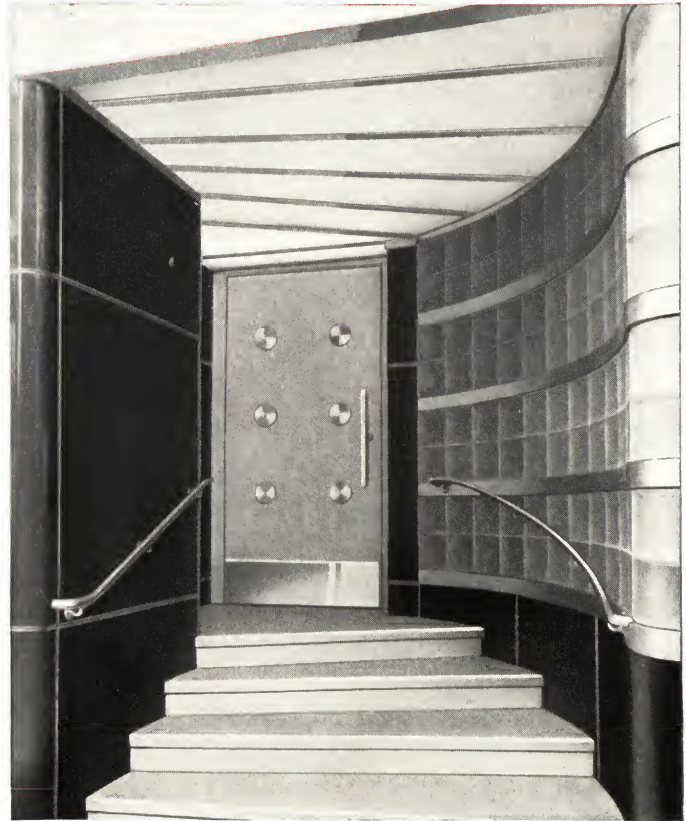
Design SB-104

BUILDING

Most important to every building is its entrance. Tyler entrances are available for every type of building. Treatment in



Store Front Showing Combination of Natural Finished Metals With Colored Background



Grill Entrance Featuring Natural Metals With Glass Brick

Marquee Showing use of Illuminated Name and Special Lighting



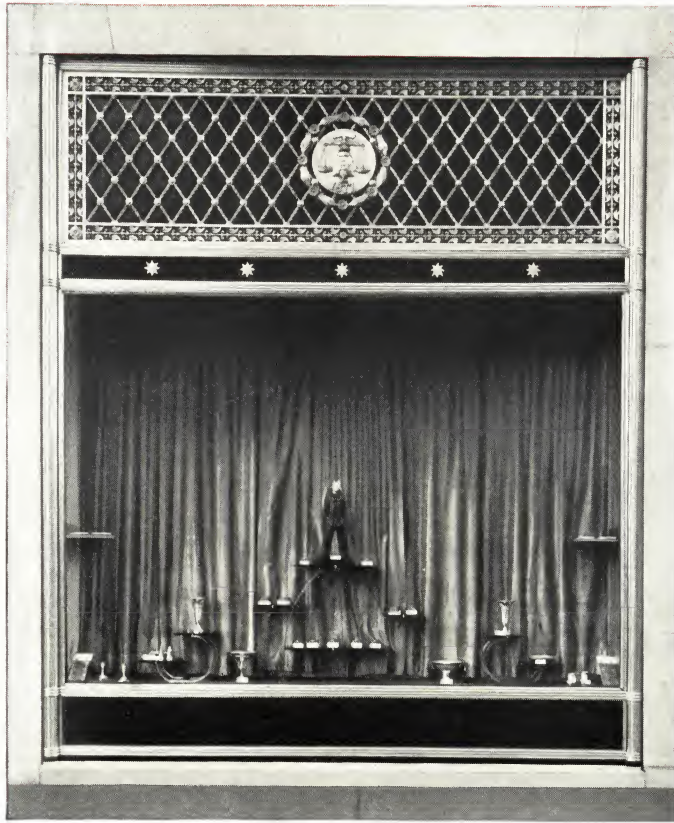
MARQUEES

Tyler marquees are furnished in both conventional and modern designs in metal and combinations of metal and glass with lighting arrangements to suit the type of installation.

Owners of stores, office buildings, hotels, theaters, etc., can greatly increase the drawing power of window displays by installing properly designed marquees. Our designing and engineering department will be glad to cooperate.

ENTRANCES

harmony with the building to suit every condition is obtainable in any of the architectural metals.



Store Front With Ornamental Cast Grill



Building Entrance Featuring a Combination of Cast and Extruded Members With Glass

STORE FRONTS

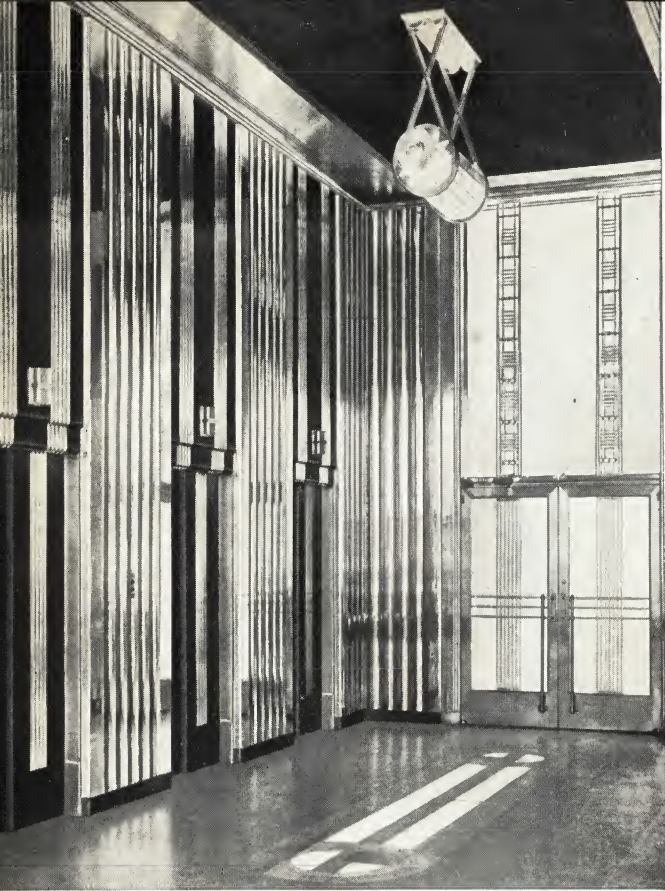
Many builders have recognized the value of modernizing their store fronts.

Modernistic or the more conservative treatments can be procured in all of the various metals.

Designs for all types of store fronts or specialty shops are available.

Services of our designing and engineering departments are offered to assist on developing special designs.





Lobby Featuring Metal Work Against Colored Background



Interior Entrance Door

ARCHITECTURAL

The use of metals as part of the interior decorative treatment of modern buildings is increasing and the wide variety of special materials available offers an unlimited choice of pleasing combinations.

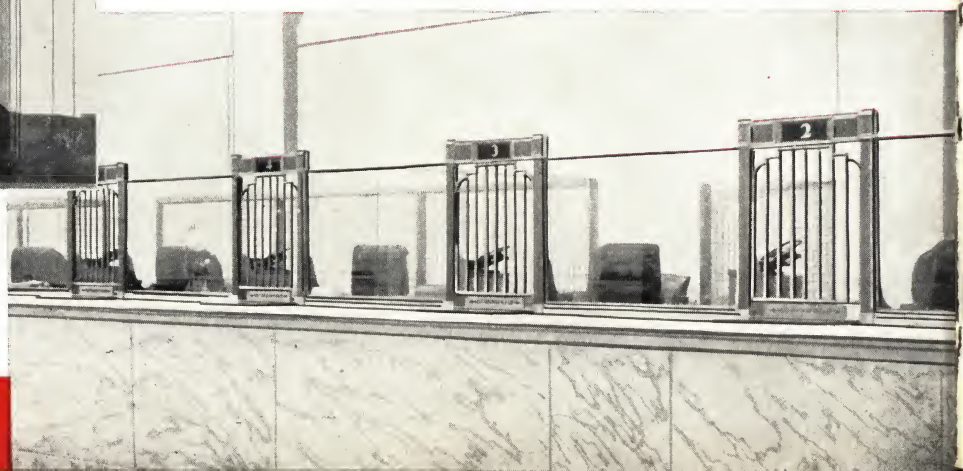
Metal is successfully combined with many



Exhibit Showcases

THE W. S. TYLER COMPANY

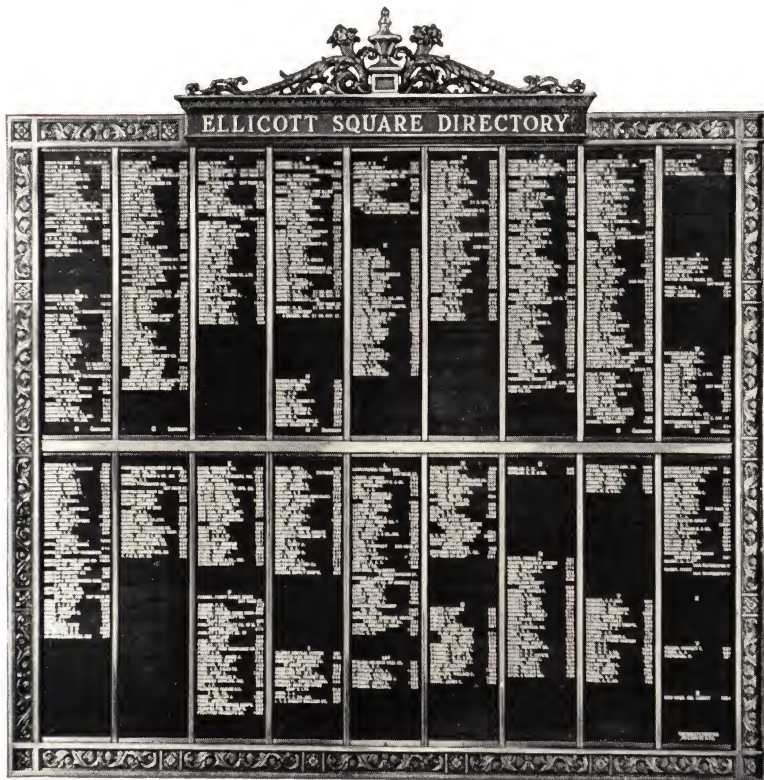
Cashier's Wickets



METAL WORK

other materials such as glass and plastics. Unusual effects may be secured by combining various materials and finishes.

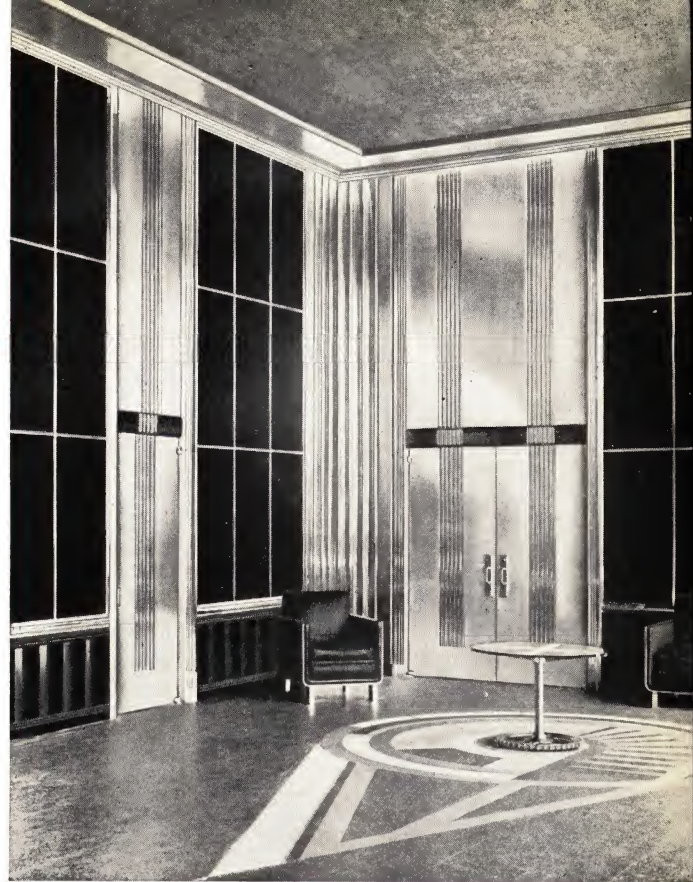
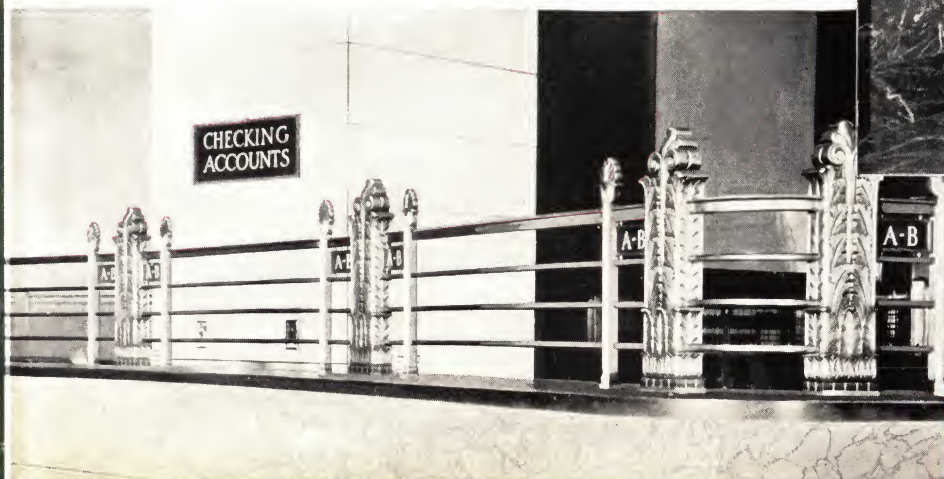
Tyler's field organization takes complete responsibility for the proper installation of this equipment.



Building Directory

THE W. S. TYLER COMPANY

Bank Counter Screen



Reception Room. Various Metals May Be Combined For This Purpose



Interior Entrance Door

**SALES
OFFICES**



BOSTON, MASS.
20 Providence Street



CHICAGO, ILL.
310 So. Michigan
Avenue



NEW YORK, N. Y.
247 PARK AVENUE



PHILADELPHIA, PA.
260 S. Broad Street



ST. CATHARINES
Ontario, Canada



LONDON, ENG.



TYLER

THE W. S. TYLER COMPANY • CLEVELAND, OHIO